

METHOD AND APPARATUS FOR CONTROLLING A MOVING WEB

Abstract

A method of controlling a moving web in relation to a selected transverse position comprising positioning a first positioning guide proximate a second positioning guide wherein the second positioning guide has a mechanism for positioning the web having minimal backlash. The web is passed through the first positioning guide and the second positioning guide. A sensor detects the transverse position of the moving web at the second positioning guide. The sensor transmits the transverse location of the web at the second positioning guide to a controller. The controller manipulates a zero-backlash actuator wherein the zero-backlash actuator is coupled to the second positioning guide such that the transverse position of the web is controllable to within a preselected dimension of the selected transverse position.